Our range of label rewinders can handle labels up to 4.72", 5" and 6.85" wide and rewind rolls with a diameter up to 6.7", 10" and 11.81" onto an adjustable core holder from 1.57" up to 4.64". It is possible to add an optional support for heavy rolls (if the unit is equipped with support, the core holder is adjustable, from 1.81" up to 4.64"). Our label rewinder is equipped with an external auto-switching 100/240VAC - 2.5A at 24V power supply and an electronic circuit controls the functions. When the roll of labels runs out, the rewinder stops by uttering an acoustic signal. The ability to adjust the direction of rotation, clockwise or counterclockwise, allows to rewind the labels face in or face out. The tension arm adjusts the speed of rotation. When the arm is down, the rewinder will rotate at full speed. Whereas, when the tension arm is up, the rewinder is idle, which blocks the motor’s rotation when the printer stops.
Our range of motorized core holders can handle labels up to 9.44" wide, and rewind or unwind rolls having an outside diameter up to 9.8" (contact us for the availability of different outside diameter).

Rolls are rewinded/unwinded onto a 3" core holder and the possibility to adjust the direction of rotation, clockwise or counterclockwise, allows to rewind / unwind labels both face in and face out (only for “SW” models).

Thanks to its revolutionary design and toughness, our MCH rewinders and unwinders are perfect for high and heavy duty jobs.

The roll weight will no longer be a problem!!!

The motor is located inside the core holder and once the job is done, users can easily remove the core holder.

The machine can be configured to rewind or unwind, so depending on its use it can be placed in front (rewinder) or behind the printer (unwinder) and it can be equipped with software for specific use with standard thermal transfer printers or inkjet color label printers with label back-feeding.

**Motorized Core Holder Rewinder**

MCH27RU2 = outside diameter up to 9.8", speed 27 Rpm

**Motorized Core Holder Unwinder**

MCH27UR2 = outside diameter up to 9.8", speed 27 Rpm
Our MCH XL Rewinders & Unwinders are the perfect companions to most digital inkjet label printers. Thanks to its revolutionary design and solidly manufactured quality, the MCH XLs are perfect for high usage and heavy duty jobs.

**Roll diameter and weight will never be a problem again!**

The MCH XLs can handle labels up to 9.44” (240mm) wide, and rewind or unwind rolls with OD up to 10” (250mm). Rolls are rewound/unwound onto/from a 3” core holder. Thanks to the clutch system in place, it is possible to obtain different levels of roll tightness. The below image will help you figure out the level you want the system to rewind/unwind your rolls.

The MCH XL's can be configured as standalone rewinder or unwinder, or as a complete roll to roll system (unwinder + printer plate + rewinder) for use with most digital inkjet label printers available on the market.
The easy dispenser will assure you the maximum flexibility and the best efficiency/price ratio, making it easy for you to apply labels in your semi-automatic manual labeling operations.

Two buttons will allow you to choose between a manual detachment of the label, where you can push the button when you want the label to be detached, or an automatic detachment, that means to take the labels automatically in succession.

Through a knob you can set the label's length to detach, from 0.19" up to 6.69".

All the dispensers come with a top to write on the label before detachment and are supplied with an auto-switching 100/240VAC - 2.5A at 24V power supply with a protection 2A fuse.
Small Electronic Dispenser is the ideal solution for your label handling operations like the food packaging sector. Versatile, simple to use, reliable, and tough, our small electronic dispenser will make it easy for you to apply labels in your manufacturing process.

**Mechanical Features**
- Dimensions: L: 10.23”; H: 8.26”; W: 12.59”
- Roll Diameter: up to 7.87”
- Core Holder: from 0.78” on
- Label Width: up to 5.90”
- Maximum peel length: 7.08”
- Top to write on the label before detachment

**Electrical Features**
- An external auto-switching 100/240VAC - 2.5A at 24V power supply
- Protection fuse

**Electronic Features**
- Photocells for the label’s detection
- Tachymeter for the control of the label’s length to detach

**Software Control Characteristics**
- Personalization of the company’s name
- Control of the photocells’ functionality
- Setting of the labels’ number to detach from 0 up to 9999
- Constant visualization of the detached labels’ number
- Acoustic signal when the number of detached labels reaches the preset quantity
- Setting of series from 2 to 3 labels of different length
- Constant visualization of the detached labels’ series’ number
- Acoustic signal when the detached labels’ series’ number reaches the preset quantity
- Setting of the label’s length to detach
- 3 types of advancing:
  - Automatic
  - Timed
  - Manual by pushing ESC or the optional pedal

**Control Panel**

**Pedal (optional)**
UNWINDER & REWINDER FOR PRIMERA LX SERIES PRINTERS (LX900/LX1000/LX2000)

The unwinder and rewinder for Primera LX series printers make it easy to unwind and rewind large quantities of labels. Capable of handling rolls up to 250mm (10”) diameter and up to 220mm (8.66”) wide, these units improve manufacturing production speed and streamlining the label unwinding / rewinding process. An essential component for any production line requiring zero risk to product label appearance.

The printer feet should fit into notches on the plate named U (for the model UP1234-S4) or R (for the model RP1234-S4). This way the correct unwinding / rewinding operations are guaranteed and units are safely connected to the printer.

**Electronic and mechanical features:**
Electronic and mechanical features: an external power supply 100/240VAC - 2.5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The unwinder / rewinder have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero up to the desired speed. When the roll runs out, the device stops and beeps.

**LABEL UNWINDER**
The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes up, the device unwinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes down, the device rewinds it.

**LABEL REWINDER**
The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes down, the device rewinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes up, the device unwinds it.

For the heavy label rolls, our label unwinder and label rewinder have a “L” support, included. Easy to add or remove with a screw, it gives much more stability to the core holder.

**LABEL UNWINDER / LABEL REWINDER**

<table>
<thead>
<tr>
<th>UP1234-S4</th>
<th>RP1234-S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label unwinder</td>
<td>Label rewinder</td>
</tr>
</tbody>
</table>
The unwinder and rewinder for the Epson TM-C3500 printers have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero, up to the desired speed. When the roll runs out, each device stops beeping.

The unwinder and rewinder for Epson TM-C3500 printers are used to manage rolls of media up to 5”, while having an outside diameter up to 10”. Units are equipped with adjustable core holder from 1.57” up to 4.64”.

To guarantee an aligned media path in the system, the printer plate is available to connect the rewinder and unwinder together. It also offers a customized sliding support where lean and fix the Epson printer.

An external power supply 100/240VAC - 2.5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The unwinder and rewinder for the Epson TM-C3500 printers have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero, up to the desired speed. When the roll runs out, each device stops beeping.

**LABEL UNWINDER**

The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes up, the device unwinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes down, the device rewinds it.

**LABEL REWINDER**

The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes down, the device rewinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes up, the device unwinds it.

---

### LABEL UNWINDER

| ASS1111-S0 | from 1.57” up to 3” adjustable core holder |

### LABEL REWINDER

| ASD1111-S0 | from 1.57” up to 3” adjustable core holder |

### PRINTER PLATE

| EPS35-JPL | UW&RW printer plate for EPSON TM-C3500 |
The unwinder and rewinder for Epson C7500 printers have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero, up to the desired speed. When the roll runs out, each device stops beeping.

The unwinder and rewinder for Epson C7500 printers are used to manage rolls of media up to 5”, while having an outside diameter up to 10” (250mm). Units are equipped with adjustable core holder from 1.57” up to 4.64” (40-118mm).

The printer feet should fit into notches on the printer plate. This way the correct unwinding / rewinding operations are guaranteed and units are safely connected to the printer.

An external power supply 100/240VAC - 2.5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes up, the device unwinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes down, the device rewinds it.

The unwinder and rewinder for the Epson C7500 printers have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero, up to the desired speed. When the roll runs out, each device stops beeping.

The unwinder and rewinder for Epson C7500 printers are used to manage rolls of media up to 5”, while having an outside diameter up to 10” (250mm). Units are equipped with adjustable core holder from 1.57” up to 4.64” (40-118mm).

The printer feet should fit into notches on the printer plate. This way the correct unwinding / rewinding operations are guaranteed and units are safely connected to the printer.

An external power supply 100/240VAC - 2.5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes up, the device unwinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes down, the device rewinds it.
In order to guarantee a neatly aligned media path, a specific baseplate which easily accommodates the Epson C7500 is available.

<table>
<thead>
<tr>
<th>PRINTER PLATE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EPS75PL-UW</td>
<td>UW printer plate for EPSON C7500</td>
</tr>
<tr>
<td>EPS75PL-RW</td>
<td>RW printer plate for EPSON C7500</td>
</tr>
</tbody>
</table>

**INLINE MATRIX REMOVER FOR EPSON C7500 LABEL PRINTER**

Designed as an in-line option, the matrix remover for the Epson C7500 is an all-in-one system capable of removing the excess label material around each pre die cut label, and rewinding.

By printing on die cut label rolls with the matrix intact, you can be assured that your labels are completely printed, edge-to-edge. A quick and easy to maximize your printing uptime.

Electronic and mechanical features: an external power supply 100/240VAC - 5A at 24V allows an electronic circuit to provide, through the sensor, the adjustment of the rotationspeed. A 2A fuse is used as protection.

**Specifications**
- 3” Fixed Core Holders
- Maximum Outside Roll Diameter 10” (250mm)
- Maximum Label Width 5.12” (130mm)
UNWINDER & REWINDER FOR EPSON C831 INKJET LABEL PRINTER

The unwinder and rewinder for Epson C831 Inkjet Label Printer make it easy to unwind and rewind large quantities of labels. Capable of handling rolls up to 10” (250mm) diameter and up to 9.45” (240mm) wide, these units improve manufacturing production speed and streamlining the label unwinding / rewinding process.

An essential component for any production line requiring zero risk to product label appearance.

For the heavy label rolls, our label unwinder and label rewinder have a “L” support, included. Easy to add or remove with a knob, it gives much more stability to the core holder.

**Electronic and mechanical features:**
Electronic and mechanical features: an external power supply 100/240VAC - 2.5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The unwinder and rewinder for the Epson C831 printer have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero, up to the desired speed. When the roll runs out, the device stops and beeps.

**LABEL UNWINDER**
The position of the tension arm is set as follows:
- When the printer forwards the media for printing, the tension arm goes up, the device unwinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes down, the device rewinds the media.

**LABEL REWINDER**
The position of the tension arm is set as follows:
- When the printer forwards the media for printing, the tension arm goes down, the device rewinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes up, the device unwinds the media.
In order to guarantee a perfectly aligned media path, a specific baseplate which easily accommodates the Epson C831 is available, so to have a complete printing station unwinder + printer + rewinder.

**INLINE LONGITUDINAL SLITTER FOR EPSON C831 INKJET LABEL PRINTER**

Designed as an in-line option, the slitter for the Epson C831 allows you to remove the tractor feeder edges as well as slit a roll into several individual rolls.

This is particularly advantageous as by going with wider label rolls and multiple labels across, the cost per label is less than thinner rolls with just one label across. By using the slitter, you can increase printing speeds and lower your costs per label. Because the slitter unwinds, slits, and rewinds rolls, you will end up with separate rolls for each set of labels ready for application.

The slitter comes with 4 blades located in specific blade holders. Electronic and mechanical features: an external power supply 100/240VAC - 5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The slitter is equipped with a 3" core holder and capable of handling rolls up to 10" (250mm) diameter and up to 8.26" (210mm) wide. Minimum slitting width 0.87" (22mm).

### Specifications
- 4 Blades included
- 3" fixed core holder
- Outside roll diameter up to 10" (250mm)
- Media width up to 8.26" (210mm)
- Minimum slitting width 0.87" (22mm)
The unwinder and rewinder for SWIFTCOLOR SCL-4000D printer are used to manage rolls of media up to 5", while having an outside diameter up to 10". Units are equipped with adjustable core holder from 1.57" up to 4.64".

To guarantee an aligned media path in the system, the printer plate is available to connect the rewinder and unwinder together. It also offers a customized sliding support where lean and fix the Swiftcolor printer.

An external power supply 100/240VAC - 2.5A at 24V allows an electronic circuit to provide, through the tension arm, the adjustment of the rotation speed and rotation direction. A 2A fuse is used as protection.

The unwinder and rewinder for SWIFTCOLOR SCL-4000D printers have two types of speed adjustments: it is possible to set the main speed through a knob and the tension arm automatically adjusts the speed from zero, up to the desired speed. When the roll runs out, each device stops beeping.

**LABEL UNWINDER**
The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes up, the device unwinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes down, the device rewinds it.

**LABEL REWINDER**
The position of the tension arm is calibrated as follows:
- When the printer forwards the media for printing, the tension arm goes down, the device rewinds the media.
- When the tension arm is in the middle position, the device is idle.
- When the printer pulls back the media, the tension arm goes up, the device unwinds it.

<table>
<thead>
<tr>
<th><strong>LABEL UNWINDER</strong></th>
<th><strong>LABEL REWINDER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ASS1111-S0</td>
<td>ASD1111-S0</td>
</tr>
<tr>
<td>from 1.57&quot; up to 4.64&quot; adjustable core holder</td>
<td>from 1.57&quot; up to 4.64&quot; adjustable core holder</td>
</tr>
</tbody>
</table>

**PRINTER PLATE**
SCL_JPL printer plate for Swifcolor SCL-4000D
SMART SOLUTIONS FOR THE LABELING INDUSTRY

MATRIX REMOVER & SLITTER

This machine can unwind, remove the label matrix from a die cut label roll, slit thanks to one or more cutter blades, and rewind onto a 3” motorized core holder rewinder.

The label matrix is the excess label material around each die cut shape, where ink or toner may settle after a full bleed printing process.

The machine can also be used to only remove the label matrix or only as a slitting system.

The matrix removal and slitting operations are performed simultaneously. It is a specific machine designed to handle die cut label rolls and ideal for all slitting needs.

Model MCH100MTX25

Specifics
- 100/240VAC - 5A → at 24V Power Supply
- 4 Blades Included
- 3” Fixed Core Holders
- Maximum Outside Roll Diameter 9.84”
- Maximum Label Width 8.66”
- Minimum Slitting Width 0.98”
- Manual speed Adjustment
- Label Rewinding Face-Out only

Dimensions
L: 32.28”; H: 23.62”; W: 18.50”

Blade holder's support

Blade holder
LONGITUDINAL LABEL SLITTER

The longitudinal label slitter satisfies the present-day necessity to make the most of the print area with the possibility to obtain more rows of labels from the same roll, and then split it through the use of the slitter.

The cutting operations are done by a common cutter blade that is located in an opposite blade holder. The slitter has an external auto-switching 100/240VAC - 5A at 24V power supply and an electronic circuit controls all its functions. The new slitter, equipped with two 3” fixed core holders, is able to work rolls with a diameter of 9.84”. The maximum width of the roll is 8.66” and it is possible to obtain rows of labels not narrower than 0.86”.

Thanks to the connector equipped with the device it is now possible to use the slitter on-line with your label printer.

**Specifics**
- 4 Blades included
- 3” fixed core holders
- Outside roll diameter up to 9.84”
- Media width up to 9.84”
- Minimum slitting width 0.86”
- Manual speed adjustment

**Dimensions**
- L: 28.34”
- H: 14.56”
- W: 16.73”
- Weight: 55 lbs
Automatic Label Counter Series allows to count the labels on a roll, to rewind and unwind the labels on one machine, to rewind the labels onto different core sizes, to rewind small rolls of labels from a larger one and also to rewind small rolls with a preset number of labels from a larger roll.

This last feature is possible thanks to the setting of the preset labels’ number through the electronic counter. Once the preset number of labels will be reached, the label counter will stop by uttering an acoustic signal. Both turrets of the label counter are motorized and it is possible to adjust the speed of rotation on the rewinder only while the unwinder has an automatic self-adjustment speed.

Automatic Label Counter Series can handle labels up to 5” wide and it can rewind and unwind rolls of labels with diameter up to 11.81” on an adjustable core holder from 1.57” up to 4.64”. It has a speed of 120 rpm. The Automatic Label Counter turns in one direction only, from left to right. From the unwinder to the rewinder.

The “CLM” has the same features of the “CE” with the option to stop when the sensor detects a missing label.

<table>
<thead>
<tr>
<th>MODULE</th>
<th>MODEL</th>
<th>UNWINDER CORE HOLDER</th>
<th>REWINDER CORE HOLDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE</td>
<td>Label Counter (min. gap 0.08”; min. label width 0.08”)</td>
<td>1 Roll Diameter 9.84”</td>
<td>1 1.57” - 4.64”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Label Width 5”</td>
<td></td>
</tr>
<tr>
<td>CLM</td>
<td>Label Counter with missing label (gap min. 0.08”; min. label width 0.08”)</td>
<td>1 1.57” - 4.64”</td>
<td></td>
</tr>
<tr>
<td>CSR</td>
<td>Small reel to reel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Scorpio Series are all-in-one systems that unwind, laminate with laminate liner, rewind core holder for labels added durability, (only SCR22PL and SCR35PL) digitally die-cut, remove the excess label material around each die-cut shape, slit, and rewind offering you everything to professionally cut and finish labels.

All systems provide a very accurate label finishing solution using cutting plotter technology. This allows you to cut different types of material and shapes on the fly without the added cost of dies.

The units are equipped with a cutter management tool that works together with a camera forming an integrated optical black-mark registration system providing cutting speed optimization and avoiding synchronization issues.

All features that turn into full flexibility, limitless variations in label design and smooth workflow.

SCORPIO SERIES - DIGITAL LABEL FINISHERS

model **SCR22**

The digital label finisher with no lamination module ideal for those who use pigment-based ink / laser technology printers (water and fade resistant).

model **SCR22PL**

The ideal companion to 8.5” digital color label printers

model **SCR35**

The finisher for wide-format, with no lamination

model **SCR35PL**

The perfect match for wide-format digital color label presses
The Scorpio Series are digital label finishers truly meant to meet the on-demand short run label finishing solution for use with digital color label printers and presses.

**SOME BENEFITS OF USING THE SCORPIO SERIES:**

» Short run label production in-house means reducing inventory requirements and costs  
» Producing full bleed labels will no longer be a nightmare  
» Laminating for labels added durability (no need for special media)  
» No need to order pre-die cut label rolls  
» No need for ultra-precise label margin adjustment when printing in full bleed  
» No need to set up a minimum gap between labels when printing in full bleed (saving on media).

**SCORPIO SOFTWARE**

Scorpio software works together with a camera forming an integrated optical black-mark registration system.

Through the software, the operator imports the cutting file from Adobe Illustrator or Corel Draw and creates a black-mark inside the cutting file.

The camera detects the black-mark printed on the media and the software matches it with the black-mark created inside the cutting file.

This process synchronizes when and where starting the job.
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Part number</th>
<th>SCR22</th>
<th>SCR22PL</th>
<th>SCR35</th>
<th>SCR35PL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input / Output max. roll diameter</td>
<td>9.84” (250 mm)</td>
<td>9.84” (250 mm)</td>
<td>9.84” (250 mm)</td>
<td>9.84” (250 mm)</td>
</tr>
<tr>
<td>Minimum media width</td>
<td>4.33” (110 mm)</td>
<td>4.33” (110 mm)</td>
<td>4.33” (110 mm)</td>
<td>4.33” (110 mm)</td>
</tr>
<tr>
<td>Maximum media width</td>
<td>8.86” (225 mm)</td>
<td>8.86” (225 mm)</td>
<td>14” (355 mm)</td>
<td>14” (355 mm)</td>
</tr>
<tr>
<td>Maximum cutting width</td>
<td>7.87” (200 mm)</td>
<td>7.87” (200 mm)</td>
<td>13” (330 mm)</td>
<td>13” (330 mm)</td>
</tr>
<tr>
<td>Minimum slitting width</td>
<td>0.75” (19 mm)</td>
<td>0.75” (19 mm)</td>
<td>0.75” (19 mm)</td>
<td>0.75” (19 mm)</td>
</tr>
<tr>
<td>Number of slitting blades</td>
<td>up to 8</td>
<td>up to 8</td>
<td>up to 13</td>
<td>up to 13</td>
</tr>
<tr>
<td>Lamination module</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L = 59.05” (150 cm)</td>
<td>L = 78.74” (200 cm)</td>
<td>L = 59.05” (150 cm)</td>
<td>L = 78.74” (200 cm)</td>
</tr>
<tr>
<td></td>
<td>H = 57.06” (145 cm)</td>
<td>H = 57.06” (145 cm)</td>
<td>H = 57.06” (145 cm)</td>
<td>H = 57.06” (145 cm)</td>
</tr>
<tr>
<td></td>
<td>W = 27.56” (70 cm)</td>
<td>W = 27.56” (70 cm)</td>
<td>W = 27.56” (70 cm)</td>
<td>W = 27.56” (70 cm)</td>
</tr>
<tr>
<td>Weight (estimated)</td>
<td>180 kg (396 lb)</td>
<td>235 kg (518 lb)</td>
<td>200 kg (441 lb)</td>
<td>245 kg (540 lb)</td>
</tr>
<tr>
<td>Roll core size</td>
<td>76 mm (3”)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum / Maximum label length</td>
<td>0.39” (10 mm) / 15” (381 mm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum media thickness</td>
<td>10 mil (0.25 mm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum cut speed</td>
<td>24 in/s (600 mm/s) in all directions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>One year parts and labor. Usage limitation may apply</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHAT D.P.R. SCORPIO SERIES HAVE AND THE COMPETITION DOESN’T…</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>---------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optical Sensing</td>
<td>D.P.R. Scorpio series use a camera forming an integrated optical black-mark registration system allowing to read one black-mark for each cutting layout. Optimizing cutting speed. No synchronization issues.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjustable Clutch</td>
<td>This feature allows to obtain flat tight finished rolls and waste material neatly rewound.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size Does Matter</td>
<td>D.P.R. Scorpio series size help operators have more room to easily and quickly load the media and get the machine ready to work in a few minutes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Media Track</td>
<td>D.P.R. Scorpio series are equipped with an ultrasonic sensor system that generates a loop of media both in plotter input and output in order to guarantee a smooth media track during the cutting operations.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slitter Blades</td>
<td>D.P.R. Scorpio series are equipped with inexpensive multi edge blades. Blade life extended 4 times as much.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Labels</td>
<td>D.P.R. Scorpio series can cut blank labels. Through the Scorpio software, operators only need to set label step. No printed black-mark required on the media.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Software</td>
<td>D.P.R. Scorpio series come with a tailored software to be installed on any computer customers own.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Media</td>
<td>D.P.R. Scorpio series allow to use any media from 4” (101.6 mm) up to 14” (355 mm) wide.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matrix Rewinding</td>
<td>D.P.R. Scorpio series feature synchronized motorized core holders that avoid any matrix tear while removing and rewinding.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Easy To Move</td>
<td>D.P.R. Scorpio series are equipped with four wheels that allow to easily move the machine.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remote Assistance</td>
<td>Customers whose computers are connected to internet can be reached by one of our operators for remote assistance and firmware upgrades.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## PLOTTER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data interface</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Linear cut speed</td>
<td>Dependent on graphic</td>
</tr>
<tr>
<td></td>
<td>2 squares across 3.15”x3.15&quot; (80x80 mm) = 34 labels per min.</td>
</tr>
<tr>
<td>Programmable Cutting Force</td>
<td>20 gf - 300 gf in 31 steps (Max 300 gf)</td>
</tr>
<tr>
<td>Test cut function</td>
<td>Yes</td>
</tr>
<tr>
<td>Cut to registration</td>
<td>Single point registration black-mark (0.16” (4 mm) square)</td>
</tr>
<tr>
<td>Cut ability</td>
<td>Both printed and unprinted media</td>
</tr>
<tr>
<td>Interface &amp; Software</td>
<td>Scorpio Software (Windows OS) cutter management tool</td>
</tr>
<tr>
<td>Power requirements</td>
<td>100-240 VAC, 240 watts</td>
</tr>
</tbody>
</table>

## ACCESSORIES INCLUDED

Our digital finishing systems equipped with a removable drawer (only SCR22PL and SCR35PL) and a roller positioned above the core holder to help rewind the compressed waste.

This design makes the unit more practical and helps it avoid the most common the issues of rewinding.

All devices have also the o-rings on the matrix remover roller, used to facilitate the removal of your matrix from the labels.
Virgo is a compact desktop finishing system that unwinds, laminates labels for durability, digitally die cuts, removes excess label material around each die-cut shape, slit, and rewinds offering you everything to professionally cut and finish labels.

The system provides a very accurate label finishing solution using cutting plotter technology with reduced dimensions. This allows you to cut different types of materials and shapes on the fly without the added cost of dies.

The unit is also equipped with a cutter management tool that works in tandem with a camera forming an integrated optical black-mark registration system providing cutting speed optimization and avoiding synchronization issues.

The Virgo’s core features offer the user full flexibility, limitless variations in label design with a smooth workflow. The Virgo digital label finisher is truly the perfect on-demand short run label finishing solution for those using a digital color label printers and presses.

**SOME BENEFITS OF USING VIRGO:**

- Short run in-house label production reducing cost and inventory requirements
- Producing full bleed labels will no longer be a nightmare
- Laminating option for labels for added durability (no need for special media)
- No need to order pre-die cut label rolls
- Desktop size unit
- No need to set up a minimum gap between labels when printing in full bleed (Saves media).
LABEL FACE IN OR FACE OUT

Thanks to an easy button equipped on Virgo, you can choose how obtain the finished rolls of label.

This button allows the user to control the direction of the rotation on rewinder core holder giving, you the user, the ability to choose whether to have the finished label rolls facing in or facing out.

This added benefit makes the Virgo a complete machine for all of your business needs.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input / Output max. roll diameter</td>
<td>7.87&quot; (200 mm)</td>
</tr>
<tr>
<td>Minimum media width</td>
<td>3.94&quot; (100 mm)</td>
</tr>
<tr>
<td>Maximum media width</td>
<td>5.51&quot; (140 mm)</td>
</tr>
<tr>
<td>Maximum cutting width</td>
<td>4.80&quot; (122 mm)</td>
</tr>
<tr>
<td>Minimum slitting width</td>
<td>0.75&quot; (19 mm)</td>
</tr>
<tr>
<td>Number of slitting blades</td>
<td>up to 6</td>
</tr>
<tr>
<td>Lamination module</td>
<td>YES</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L = 51&quot; (130 cm)</td>
</tr>
<tr>
<td></td>
<td>H = 25.60&quot; (65 cm)</td>
</tr>
<tr>
<td></td>
<td>W = 29.53&quot; (75 cm)</td>
</tr>
<tr>
<td>Weight (estimated)</td>
<td>220 lb (100 kg)</td>
</tr>
<tr>
<td>Roll core size</td>
<td>3&quot; (76 mm)</td>
</tr>
<tr>
<td>Minimum / Maximum label length</td>
<td>0.39&quot; (10 mm) / 7.87&quot; (200 mm)</td>
</tr>
<tr>
<td>Maximum media thickness</td>
<td>10 mil (0.25 mm)</td>
</tr>
<tr>
<td>Maximum cut speed</td>
<td>24 in/s (600 mm/s) in all directions</td>
</tr>
<tr>
<td>Warranty</td>
<td>One year parts and labor. Usage limitation may apply</td>
</tr>
</tbody>
</table>
### Plotter Specifications

<table>
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<tr>
<th>Feature</th>
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<td>Data Interface</td>
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<td>Cut to Registration</td>
<td>Single point registration black-mark (0.16” (4 mm) square)</td>
</tr>
<tr>
<td>Cut Ability</td>
<td>Both printed and unprinted media</td>
</tr>
<tr>
<td>Interface &amp; Software</td>
<td>Virgo Software (PC only (Windows x32 and X64) Win 7, Win 8.x, Win 10) cutter management tool.</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>100-240 VAC, 240 watts</td>
</tr>
</tbody>
</table>

### Virgo Software

Virgo software works together with a camera forming an integrated optical black-mark registration system.

With this software, the operator can import the cutting files created on Adobe Illustrator or Corel Draw which is also used to create the black marker.

The Virgo is equipped with a camera used to detect the black-mark printed on the media. This camera assists the software in detecting the black-mark created inside the cutting file.

This process tells the plotter when and where to start cutting the media.
WHAT VIRGO HAS AND THE COMPETITION DOESN’T...

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical Sensing</td>
<td>With the help of the camera, the Virgo uses an integrated optical black-mark registration system allowing it to read one black-mark for each cutting layout, optimizing cutting speed with no synchronization issues.</td>
</tr>
<tr>
<td>Size Does Matter</td>
<td>Virgo compact size help operators have more room to easily and quickly load the media and get the machine ready to work in a few minutes.</td>
</tr>
<tr>
<td>Media Track</td>
<td>Virgo is equipped with an ultrasonic sensor system that generates a loop of media both in plotter input and output in order to guarantee a smooth media track during the cutting operations.</td>
</tr>
<tr>
<td>Slitter Blades</td>
<td>Virgo is equipped with inexpensive multi edge blades helping to extend the life of the blade.</td>
</tr>
<tr>
<td>Blank Labels</td>
<td>Cutting blank labels on the Virgo is hassle free. With the help of the Virgo software, operators will only need to set label step, meaning there’s no need to load media with a pre-printed black-marker.</td>
</tr>
<tr>
<td>Software</td>
<td>Virgo proprietary software can be installed on any Windows based computer running XP or later.</td>
</tr>
<tr>
<td>Remote Assistance</td>
<td>Customers whose computers are connected to internet can be reached by one of our operators for remote assistance and firmware upgrades.</td>
</tr>
</tbody>
</table>
SMART SOLUTIONS FOR THE LABELING INDUSTRY

GEMINI - DIGITAL DIE CUTTER FOR SHEET LABELS

This machine allows die cutting without operator on adhesive sheets and digital prints on cardboard, silk-screen prints and print shop materials.

A mobile lever lifts the sheets from the loading-feeding tray and inserts them into the plotter.

Depending on the thickness of the sheets, the machine may insert from 40 to 100 sheets; while the machine is in operation, additional sheets may be added without having to stop the machine.

The system is equipped with an internal vacuum compressor, which does not require external air connections.

Proper alignment is achieved by black mark reading for every sheet; a camera equipped with i-mark technology performs black mark reading adjustments in a few tenths of a second.

Black-mark reading offsets grade and distortion which occur using digital printing systems; the precision grade achieved is approximately 0.0079" (0.2mm). This innovative desktop-style cutter is capable of handling various types of material with different thicknesses, sheet sizes such as A4, A3, Letter, Tabloid, Tabloid Extra, and now up to 350mm x 700mm (13.78" x 27.56") thanks to one accessory (sold separately).

In addition to the half cut for adhesive sheets, heavy cutting may also be performed for all the applications which require that, such as labels, business cards, shaped business cards, small boxes and more; it successfully cuts cardboard with weight ranging from 7.05 to 12.35 ounces (200 to 350 gr).

Cutting is performed in hatching mode, which leaves continuity points on the material to avoid detachment during cutting operations; cutting parameters are set by the program.

The plotter blade is designed with two positions; in the through cutting mode, it works by an opening which prevents the blade from wear while cutting the material.

Speed varies depending on the complexity of the outline, on average it runs 30-40 seconds when cutting adhesives, while for through cutting the speed is much slower and therefore it is more apt for small jobs or simple cuts.
Black-mark reading through a dedicated camera and the i-mark software allows the use of black marks as small as 0.16” (4mm).
This allows maximizing the use of the sheet and minimizing excess material.

A border of 0.79” (20mm) on two sides must be maintained whereas on the other two sides, the machine can cut up to the edge of the paper even though users usually leave a gap of 0.20” (5mm), which is also the usual border used in laser printers.

Black-marks are squares measuring 0.16” (4mm) per side, normally printed in black; for silk screen prints, any color darker than the print will work; in the even the cutting involves white prints over dark sheets, square holes over the white print are required.

Automatic cutting may be used without black-mark reading when precision cutting is not required.

The exit tray extends for 13.78” (35cm) and must be positioned in a location free of tight passages to avoid hitting it when walking by.

The dimensions are quite small; the table on which to machine may rest can be as small as 23.62” x 26.38” (60cm x 67cm).

The system is composed of three separate components: loading-feeding tray, cutting plotter and finished sheets tray. These three parts are positioned one above the other and they must be positioned on a table, where the finished sheets may be left hanging above the edge.

The machine is connected to a computer using a USB cable; its dedicate software must be installed on a PC running on Windows 8 up; those using exclusively Mac technology may install ‘Parallel’ compatibility software or opt to purchase a small notebook.

The software manages the file in Adobe Illustrator format created both by Mac and Pc; it can also manage files created in CorelDraw. The cut outline must be saved together with the black marks, whereas the rest of the graphic may stay on non-visible levels.
# GEMINI - DIGITAL DIE CUTTER FOR SHEET LABELS

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto sheet capacity</td>
<td>100 sheets - with autofeeder</td>
</tr>
<tr>
<td>Sheet separation</td>
<td>Air powered, variable jet stream separation</td>
</tr>
<tr>
<td>Media alignment</td>
<td>Media table, slide adjustment for size with self centering guides</td>
</tr>
<tr>
<td>Media width (min-max)</td>
<td>10.98&quot; - 13.77&quot; (279 - 350mm)</td>
</tr>
<tr>
<td>Media length (min-max)</td>
<td>8.25&quot; - 19.68&quot; (210 - 500mm)</td>
</tr>
<tr>
<td>Interface &amp; Software</td>
<td>Gemini Software (PC only (Windows x32 and X64) Win 7, Win 8.x, Win 10) cutter management tool</td>
</tr>
<tr>
<td>Registration system</td>
<td>High resolution CCD vision system consisting of a camera, which reads the registration marks on the media, and compares the position with the original value from the digital file. The Gemini software then acts accordingly to correct the linear and angular positional differences but automatically adjusting the cut lines</td>
</tr>
<tr>
<td>Registration mark(s)</td>
<td>4mm x 4mm square registration mark (2 marks required: origin at top of sheet, and scale/skew at end of sheet)</td>
</tr>
</tbody>
</table>